**PURE MATHEMATICS TEST**

**TIME ALLOWED: 40 minutes** TOTAL MARKS = 18

**INSTRUCTIONS:** You can use a calculator.  
You **must** show your method.  
Answer **all** the questions.

You **must** make sure the work you present is yours and is not copied from somewhere else.

**Questions**

|  |  |  |
| --- | --- | --- |
| 1 | Give two examples each of   1. Proper fraction 2. Improper fraction 3. Mixed fraction | [6 marks] |
| 2 | Convert to mixed fraction | [1 mark] |
|  |  |  |
|  |  |  |
| 3 | Convert to improper fraction | [1 mark] |
|  |  |
| 4 | Solve | [3 mark] |
| 5 | Calculate | [1 mark] |
| 6 | Write 1.09476 to |  |
|  | (a) 3 s.f | [1 marks] |
|  | (b) 3 d.p | [1 marks] |
| 7 | Simplify and leave your answer in the form of | [1 mark] |
| 8 | Convert to percentage. | [1 mark] |
|  |  |  |
|  |  |  |
| 9 | Find the value of | [2 mark] |
|  |  |  |